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A special subscription edition of Bailey and Miller's *Cyclopedia of American Horticulture* has been issued by Doubleday, Page and Co., of New York, in six volumes bound to match their "Nature Library." To what was said of the first edition, from 1900 to 1902, in the *Naturalist* need only be added that the present (fourth) edition contains corrections of detected errors and a conspectus of families and genera prepared by Mr. Miller, while the number of illustrations has been greatly increased.

Under the title *Hortus Veitchii*, Mr. J. H. Veitch has privately printed a sumptuous quarto history of the great plant house of which he is now the head, which is of interest especially for the biographic sketches of its many explorers and hybridists and the remarkable list of plants originated or introduced to European gardens by them. Numerous excellent illustrations add to its attractiveness.

A portrait of Hollós forms the frontispiece to the *Journal of Mycology* for May.

A biographic sketch, with portrait, of C. C. Parry, is contributed to the July number of the *Annals of Iowa* by C. A. White.

A new relief portrait of Rumphius is figured in *Bulletin no. 34 van het Koloniaal Museum te Haarlem*.

The Journals.—*Botanical Gazette*, May:—Elmer, "New and Noteworthy Western Plants — III"; Bergen, "Some Littoral Spermatophytes of the Naples Region"; House, "New and Noteworthy North American Species of *Trifolium*"; Lewis, "The Basidium of *Amanita bisporigera*."

Botanical Gazette, June:—Wiegand, "Some Studies Regarding the Biology of Buds and Twigs in Winter"; Yamanouchi, "The Life History of *Polysiphonia violacea*"; Weiss, "The Structure and Development of the Bark in the *Sassafras*"; Hill, "The Distribution and Habits of some Common Oaks."

Botanical Gazette, July:—Jeffrey and Chrysler, "On Cretaceous *Pitoxyla*"; Shantz, "A Study of the Vegetation of the Mesa Region East of Pike's Peak: The *Bouteloua* Formation"; Nelson, "Contributions from the Rocky Mountain Herbarium — VII"; Peirce, "Anthoceros and its *Nostoc* Colonies"; Hill, "Distribution and Habits of some Common Oaks."

The Bryologist, July: — Fink, "Further Notes on Cladonias — VII"; Collins, "Mounting Mosses, Some Hints"; Hayne, "A List of Hepatics Collected in the Vicinity of Little Moose Lake . . . Herkimer Co., N. Y."; Smith, "A List of Mosses Collected on the Adirondack League Club Tract, Herkimer Co., N. Y."; Merrill, "Lichen Notes no. 3, Chemical Tests in Determining Lichens"; Gilbert, "Two Anomalies and a Curious Sight."

Bulletin of the Torrey Botanical Club, May: — Cardiff, "A Study of Synapsis and Reduction"; Cockerell, "Fossil Plants from Florissant, Colorado"; House, "Studies in the North American Convolvulaceæ — I."

Bulletin of the Torrey Botanical Club, June: — Kirkwood, "The Pollen-Tube in Some of the Cucurbitaceæ"; Cushman, "New England Desmids of the Sub-Family Saccodermæ."

Bulletin of the Torrey Botanical Club, July: — Spalding, "Absorption of Atmospheric Moisture by Desert Shrubs"; Reed and Smoot, "The Mechanism of Seed Dispersal in *Polygonum virginianum*"; Gleason, "The Pedunculate Species of *Trillium*."

Fern Bulletin, July: — Klugh, "The Fern Flora of Ontario"; McNeill, "*Botrychium biternatum*"; Palmer, "Green and Red Stiped Lady Ferns"; Clute, "The Moonwort"; Lee, "The Hart's Tongue in Tenn."; Davenport, "The Forms of *Botrychium simplex*"; "A Check-list of the North American Fernworts (*continued*)"; Druery, "*Lomaria spicant bipinnatum* in America."

Iowa Naturalist, January: — Cratty, "Notes on the Iowa Sedges — I"; Anderson, "Additions to the Flora of Decatur County, Ia."; "The Flora of Lake Wabonsie"; Fitzpatrick, "The Iowa Gentians."

Journal of Mycology, March: — Kellerman, "Job Bicknell Ellis" (*with portrait*); Bates, "Rust Notes for 1905"; Saccardo, "Micromycetetes Americani Novi"; Bubak, "Einige neue Pilze aus Nord America"; Bessey, "*Dilophospora alopecuri*"; Sumstine, "*Pleurotus hollandianus* sp. nov.," "Notes on *Wynnea americana*"; Ricker, "Second Supplement to New Genera of Fungi Published since the Year 1900, with Citations and Original Descriptions"; Kellerman, "Index to North American Mycology," and "Notes from Mycological Literature — XVIII."

Journal of Mycology, May: — Shear, "*Peridermium cerebrum* and *Cronartium quercuum*"; Morgan, "North American Species of *Heli-*

omyces"; Ricker, "Second Supplement to New Genera of Fungi Published since 1900, with Citation and Original Description"; Kellerman, "Index to North American Mycology," and "Notes from Mycological Literature — XIX."

Annals of the Carnegie Museum, July: — Jennings, "Additions and Corrections to the List of the Vascular Flora of Allegheny County, Pa."; "A New Species of *Kneiffia*"; "A Note on the Occurrence of *Triglochin palustris* in Pa."; and "A New Species of *Ibidium* (*Gyrostachys*)."

Journal of the New York Botanical Garden, May: — Britton, "Recent Botanical Explorations in Porto Rico."

Journal of the New York Botanical Garden, June: — Murrill, "A Serious Chestnut Disease"; Britton, "A Large Oak Struck by Lightning."

Journal of the New York Botanical Garden, July: — Nash, "The Flowering of Queen Victoria's *Agave*."

Journal of the New York Botanical Garden, August: — Maxon, "Report on a Collecting Trip in Costa Rica"; Shreve, "A Winter at the Tropical Station of the Garden."

Muhlenbergia, vol. 1, no. 9, July 30: — Osterhout, "Colorado Notes"; Heller, "Western Species, New and Old — VI."

The *Yearbook* of the U. S. Department of Agriculture for 1905, recently issued, contains the following articles of botanical interest: — Webber, "New Fruit Productions of the Department of Agriculture"; Langworthy, "Fruit and its Uses as Food"; Shamel, "The Effect of Inbreeding in Plants"; Rolfs, "New Opportunities in Subtropical Fruit Growing"; True, "Progress in Drug-Plant Cultivation."

The Ohio Naturalist, May: — Claassen, "Key to the Species of Liverworts Recognized in the Sixth Edition of Gray's Manual of Botany"; Kellerman and York, "Additions to the Flora of Cedar Point — I."

The Ohio Naturalist, June: — Schaffner, "Terminology of Organs in Various Conditions of Development"; Jennings, "Additions to the Flora of Cedar Point — II"; Young, "Key to the Ohio *Viburnums* in the Winter Condition"; Griggs, "A Diurnal Rotation in Leaves of *Marsilea*."

The Plant World, May: — Andrews, "Some Monstrosities in Trillium"; Harper, "A December Ramble in Tuscaloosa Co., Ala."; Wiegand, "The Passage of Water from the Plant Cell during Freezing."

The Plant World, June: — Cook, "The Disintegrating Influences of Tropical Plants"; Osterhout, "On the Mountain Top"; Bowman, "The Chinese Sumach, or Tree of Heaven,—*Ailanthus glandulosa*"; Harris, "Apparently Imparipinnate Leaves in Cassia."

Rhodora, May: — Lamson-Scribner, "Notes on Trisetum and Graphephorum"; Fernald, "Some Anomalous Plants of Tiarella and Mitella"; Knight, "Some Notes on our Yellow Cypripediums"; Blanchard, "Two New Species of Rubus from Vermont and N. H."; Knight, "Some New Records of Maine Plants"; Holm, "Remarks upon Mr. House's Paper on *Pogonia verticillata*."

Rhodora, June: — Fernald, "*Paronychia argyrocoma* and its New England Representative"; Collins, "New Species, etc., Issued in the Phycotheca Boreali-Americana"; Sanford, "A Station for *Asplenium ebenoides* in Mass."; Davenport, "The Apetalous Form of *Arenaria grænlandica* on Mt. Mansfield"; Fernald, "A New Variety of *Carex interior*"; Knight, "*Viola novæ-angliæ* in the Penobscot Valley."

Rhodora, July: — House, "The Violet Hybrids of the District of Columbia and Vicinity"; Collins, "Notes on Algæ — VII"; Fernald, "Some New or Little known Cyperaceæ of Eastern North America"; Collins, "Preliminary Lists of New England Plants — XIX" [Buxbaumiaceæ, Georgiaceæ, and Polytrichaceæ].

Torreya, May: — Shreve, "A Collecting Trip at Cinchona"; Barnhart, "Chloronyms"; Berry, "Pleistocene Plants from Virginia."

Torreya, June: — Rusby, "A Historical Sketch of the Development of Botany in New York City"; Harper, "Some More Coastal Plain Plants in the Palæozoic Region of Alabama"; Blanchard, "Two New and Somewhat Anomalous Blackberries"; Eastwood, "The Earthquake and the California Academy of Sciences"; Mackenzie, "*Ranunculus sicciformis*"; House, "A Note upon *Ipomœa cuneifolia*."

Torreya, July: — Rusby, "A Historical Sketch of the Development of Botany in New York City" (*continued*); Greene, "Doctor Torrey

and Downingia"; Blanchard, "Two New Dewberries of the *hispidus* Group"; Britton, "*Galactia odonia*"; House, "A New Southern *Convolvulus*."

Torrey, August: — Douglas, "The Rate of Growth of *Panæolus retirugis*"; Rydberg, "Bassekia or Rubacer"; Rose, "*Terebinthus macdougalii*, a New Shrub from Lower California"; House, "Notes on Southern Violets — I."

University of Colorado Studies, June: — Cockerell, "The Fossil Fauna and Flora of the Florissant (Colorado) Shales"; Ramaley, "Plants of the Florissant Region in Colorado."

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